

DIVISION 10 – SPECIALTIES

10 28 13 TOILET ACCESSORIES

PART 1 - GENERAL

1.01 DESIGN CRITERIA

- A. Location: Toilet room locations shall be easily located and visible with personal safety, accessibility, convenience, efficient layout and adequacy of fixtures in mind.
- B. Minimum Requirements
1. Assume overall gender distribution to be 50% male; 50% female.
 2. The ratio of women's toilets to men's toilets and urinals shall be no less than three (3) Women's to two (2) Men's. In some instances, individual toilet rooms meeting ADA requirements may be unisex.
- C. Standard restroom design shall include:
1. Wall-hung toilet(s) and urinal(s)
 - i. Wall-mounted single-toilet carriers shall be double-nutted at the anchor foot. When the anchor foot is more than 7 inches from the toilet-mounting wall, a wide pipe chase support shall also be required.
[NEED STANDARD DRAWING]
 2. Lavatory(ies). Where possible, use countertop installed, self rimming lavatories. Wall hung installations shall be used where even small vanity tops are impractical. Floor standing lavatories shall not be acceptable.
 3. Standard and ADA-compliant fixture(s)/stall layout when applicable.
 4. Fixtures, (except lavatories) shall be separated from each other by partitions for privacy and to minimize splash. See section 10 21 13 (Toilet Compartments and Partitions).
 5. Hose Bib: All restrooms shall be provided with a hot/cold hose bib hidden from view but accessible, preferably under lavatories, for the purpose of large scale or wholesale washdown sanitation of the restroom.
 - i. Hose bib shall be operated by a removable key for both hot and cold sides. Provide key to the WSU Project Manager upon project completion.
 6. Plumbing Chase(s): All plumbing chases shall be provided with a minimum of three (3) feet clear width for access to all piping and valves behind toilets, urinals, sinks, and any other water-using device.
 - i. Provide access via a locked access door. See sections 08 31 00 (Access Doors & Panels) and 08 70 00 (Hardware and Keying).

DIVISION 10 – SPECIALTIES

10 28 13 TOILET ACCESSORIES

- ii. If piping, air ducts, electrical wiring, etc., interfere with clear access in the chase, provide additional access doors to facilitate maintenance.
 - iii. Wall chase shall have lights and a convenience receptacle.
- 7. Hard, smooth, water-resistant, easily cleanable floors and walls (at least to five feet high).
- 8. Black or dark-colored tile, cove base, fixtures, toilet partitions, etc., shall not be used.
- 9. Floor drains and traps. Floor drains shall be located at the lowest point of the floor. Floors shall be sloped to ensure all spills and runoff flow to floor drains. All traps shall be provided with trap primers operated by way of toilet flush.
 - i. Where located in close proximity to bathrooms, trap primers shall be installed on the tail piece of flush valves to maintain an air gap.
- 10. Paper towel dispenser(s): Roll-type; surface mounted:
 - i. One paper towel dispensers for 1-2 lavatories.
 - ii. Two paper towel dispensers for 3-10 lavatories.
 - iii. One additional paper towel dispenser for every five additional lavatories.
- 11. Waste receptacle: Free standing.
 - i. Provide one waste receptacle near the restroom entrance.
 - ii. Provide one waste receptacle per paper towel dispenser.
- 12. Liquid soap dispenser(s): Surface mounted; one per every two lavatories. (For odd number of sinks provide an additional dispenser.)
 - i. Do not mount soap dispensers on mirror. Preferred mounting for dispenser shall be over countertop surrounding lavatories.
 - ii. Where countertops are not practical, soap dispensers shall drip onto exposed lavatories, not on the floor.
 - iii. Identify dispenser locations in design drawings. Include specified dispenser as part of interior elevation details.
 - iv. Provide at least one soap dispenser compliant with ADA mounting heights.
 - v. Ensure design allows for easy use and refilling access.
- 13. Mirror with shelves: One per lavatory, plus one extra.
 - i. Mirrors shall be modular in design. No large pane glass mirrors.
 - ii. In women's restrooms, where space permits, install a small counter mirror for hair and makeup.
- 14. Toilet paper dispenser: Surface mounted; one per toilet.

DIVISION 10 – SPECIALTIES

10 28 13 TOILET ACCESSORIES

15. Sanitary napkin dispenser: Provide one per women's restroom. Coordinate with University Vending Services for providing and installing.
16. Sanitary napkin disposal: Free-standing under partitions; one per two women's toilet stalls.
17. Baby Changing Tables: At least one pair of restrooms (Women's and Men's) in each facility shall be provided with fold down, diaper decks, or baby changing tables. More may be appropriate depending on the use of the facility. The restroom shall be provided with a sign indicating changing table is available.
 - i. Koala Bear Kare Products, horizontal or vertical design
 - ii. Rubbermaid's "Sturdy Station."

PART 2 - PRODUCTS

- A. Toilets: Shall be low-volume flush, 1.6 gallon toilets.
 1. Pre-Approved Manufacturers:
 - i. Kohler Model 4330
 - ii. Eljer Signature Series
 - iii. American Standard
 2. Specify Sloan Royal Flush Valves for toilets.
- B. Mop Sinks:
 1. American Standard
- C. Toilet Room Accessories (General Campus):
 1. All accessories shall be surface mounted.
 2. Mirrors:
 - i. Standard: Bobrick B-290
 - ii. ADA-compliant lavatories: Bobrick B-293
 - iii. Mirrors on separate walls to have bookshelf: Bobrick B-292
 3. Soap dispenser: AmSan #6-1250 ML Gray dispenser
 4. Paper towel dispenser: Kimberley Clark #09990-10
 5. Waste receptacle: White Rubbermaid #8170 beige. Provide space 16 inches x 16 inches minimum under towel dispenser; WSU shall provide receptacle.

DIVISION 10 – SPECIALTIES
10 28 13 TOILET ACCESSORIES

6. Toilet seat cover dispenser: Shall not be installed. Low flush toilets will not handle the paper.
 7. Toilet paper dispenser: Kimberley Clark #09507-00
 8. Sanitary napkin dispenser: Coordinate with University Vending services.
 9. Sanitary napkin disposal: White Impact #1115; one per two women's toilet place under partition between stalls.
 10. Grab bars: Bobrick B-6237; B-6206 (coordinate with dispensers)
- D. Miscellaneous Accessories:
1. Bookshelf: Bobrick B-298; 42 inch; (classroom building toilets only)

END OF SECTION